VIVEK PATEL
SOFTWARE DEVELOPER

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PROFESSIONAL SUMMARY

Software Developer and IT Graduate specializing in Full Stack Development with JavaScript, Node.js, and the MERN ecosystem. Currently applying expertise in the MERN stack to build scalable backend systems and modern frontends using React and Tailwind CSS. Committed to efficient software architecture and utilizes AI-augmented development tools to optimize coding velocity and rapid prototyping.

TECHNICAL SKILLS

Programming Languages: JavaScript (ES6+, Proficient), TypeScript (Basic), Python, SQL, HTML5, CSS3.
Frameworks & Runtime: Node.js, React.js, Express.js, Tailwind CSS, Flask.
Databases: MySQL, MongoDB.
Developer Tools: Git, GitHub, VS Code, Cursor AI, Postman, Linux/Unix.
Concepts: SDLC, Data Structures & algorithms, RESTful APIs.

EDUCATION

Bachelor of Information Technology | 8.3 CGPA
Atharva College of Engineering, Mumbai, Maharashtra   Jun 2021 - May 2025
Higher Secondary Certificate | 86%
Hansraj Morarji Public Jr. College, Mumbai, Maharashtra   Jun 2019 - May 2021

WORK EXPERIENCE

Full Stack Web Developer Intern | **Asynk,** Mumbai, Maharashtra   Oct 2025 - Present
- **Develop** scalable full-stack web applications using **React.js** and **Tailwind CSS** for the frontend, deeply integrated with **Node.js/Express** backend services.
- **Leverage** AI-augmented coding workflows (Cursor, GitHub Copilot) to accelerate feature implementation, reducing boilerplate coding time by ~40%.
- **Collaborate** in an Agile environment to translate UI/UX designs into responsive code, utilizing **Git** for version control and CI/CD pipelines.

Consultant - Technical Coordinator | **Viral Fission**, Mumbai, Maharashtra   May 2025 - Aug 2025
- **Agile Coordination:** Managed daily project sprints and coordinated between technical teams to ensure on-time delivery of digital assets.
- **Process Optimization:** Structured metadata pipelines for video content, ensuring 100% accuracy in format and delivery standards.
- **Communication:** Facilitated technical communication between cross-functional teams, resolving bottlenecks in the production lifecycle.

PROJECTS

Portfolio Website | GitHub
Tech: HTML5, Tailwind CSS v4, GitHub Pages
- Designed and developed a responsive personal portfolio featuring a **minimal-style layout** to showcase technical projects.
- Implemented **Tailwind CSS v4** to utilize the latest utility-first styling features and optimized build performance.
- Deployed via **GitHub Pages**, ensuring high availability and demonstrating knowledge of CI/CD for static sites.

Local Network Clipboard | GitHub
Tech: Node.js, Express.js, HTML5, REST APIs
- Developed a lightweight web application to share text and files seamlessly between devices on a local LAN, minimizing data transfer latency.
- Implemented a **REST API** to handle clipboard data transfer, ensuring low-latency communication across the LAN.
- Designed a responsive frontend interface to facilitate instant copy-paste functionality across mobile and desktop clients.

Gesture Control System | GitHub
Tech: OpenCV, MediaPipe, PyAutoGUI, Tkinter
- Engineered a real-time hand gesture recognition system using **OpenCV and MediaPipe**, achieving high-accuracy detection and classification of hand movements.
- Implemented gesture-based desktop controls, enabling seamless hands-free operations.
- Designed an intuitive **GUI** for gesture calibration and system configuration, enhancing accessibility and overall user experience.

Things of Spotify | GitHub
Tech: Flask, Python, ESP32, Spotify API

- Built a server-driven backend using **Flask** to handle real-time media control requests via the **Spotify Web API**.
- Programmed endpoints to parse serial data from external inputs and trigger specific playback commands (Play, Pause, Skip) with <200ms latency.
- **Core Achievement:** Successfully integrated a hardware interface with a cloud-based API, demonstrating proficiency in HTTP requests and JSON data handling.